Robinson

RAW SEQUENCE LISTING DATE: 01/31/2002
PATENT APPLICATION: US/09/483,831B TIME: 15:13:53

Input Set : A:\US09483831B.raw
Output Set: N:\CRF3\01312002\I483831B.raw

P.S

ENTERED

```
      1 <110> APPLICANT: STRACKE, MARY
      2       LIOTTA, LANCE
      3       SCHIFFMANN, ELLIOTT
      4       KRUTZCH, HENRY
      5       MURATA, JUN
      6 <120> TITLE OF INVENTION: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN
      7       CANCER DIAGNOSIS AND THERAPY
      8 <130> FILE REFERENCE: 2026-4149US4
C-->  9 <140> CURRENT APPLICATION NUMBER: US/09/483,831B
     10 <141> CURRENT FILING DATE: 2000-01-17
     11 <150> PRIOR APPLICATION NUMBER: 07/822,043
     12 <151> PRIOR FILING DATE: 1992-01-17
     13 <150> PRIOR APPLICATION NUMBER: 08/249,182
     14 <151> PRIOR FILING DATE: 1994-05-25
     15 <150> PRIOR APPLICATION NUMBER: 08/346,455
     16 <151> PRIOR FILING DATE: 1994-11-28
     17 <150> PRIOR APPLICATION NUMBER: 08/977,221
     18 <151> PRIOR FILING DATE: 1997-11-24
     19 <160> NUMBER OF SEQ ID NOS: 70
     20 <170> SOFTWARE: PatentIn Ver. 2.1
     22 <210> SEQ ID NO: 1
     23 <211> LENGTH: 5
     24 <212> TYPE: PRT
     25 <213> ORGANISM: Artificial Sequence
     26 <220> FEATURE:
     27 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
     28       Peptide
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     30       Trp His Val Ala Arg
     31         1               5
     33 <210> SEQ ID NO: 2
     34 <211> LENGTH: 6
     35 <212> TYPE: PRT
     36 <213> ORGANISM: Artificial Sequence
     37 <220> FEATURE:
     38 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
     39       Peptide
     40 <400> SEQUENCE: 2
     41       Pro Leu Asp Val Tyr Lys
     42         1               5
     44 <210> SEQ ID NO: 3
     45 <211> LENGTH: 5
     46 <212> TYPE: PRT
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47 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
50       Peptide
51 <400> SEQUENCE: 3
52       Tyr Pro Ala Phe Lys
53         1               5
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 5
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
61       Peptide
62 <400> SEQUENCE: 4
63       Gln Ala Glu Val Ser
64         1               5
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 10
68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
72       Peptide
73 <400> SEQUENCE: 5
74       Pro Glu Glu Val Thr Arg Pro Asn Tyr Leu
75         1               5                  10
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 9
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
83       Peptide
84 <400> SEQUENCE: 6
85       Tyr Asp Val Pro Trp Asn Glu Thr Ile
86         1               5
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 10
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
94       Peptide
95 <400> SEQUENCE: 7
96       Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr
97         1               5                  10
99 <210> SEQ ID NO: 8
100 <211> LENGTH: 11
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101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
105       Peptide
106 <400> SEQUENCE: 8
107       Gly Gly Gln Pro Leu Trp Ile Thr Ala Thr Lys
108         1               5                  10
110 <210> SEQ ID NO: 9
111 <211> LENGTH: 16
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
116       Peptide
117 <400> SEQUENCE: 9
118       Val Asn Ser Met Gln Thr Val Phe Val Gly Tyr Gly Pro Thr Phe Lys
119         1               5                  10                  15
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122 <211> LENGTH: 12
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
127       Peptide
128 <400> SEQUENCE: 10
129       Asp Ile Glu His Leu Thr Ser Leu Asp Phe Phe Arg
130         1               5                  10
132 <210> SEQ ID NO: 11
133 <211> LENGTH: 23
134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138       Peptide
139 <400> SEQUENCE: 11
140       Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val Asp Asp Ile Thr Leu
141         1               5                  10                  15
142       Val Pro Glu Thr Leu Gly Arg
143                     20
145 <210> SEQ ID NO: 12
146 <211> LENGTH: 18
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
151       Primers
152 <221> NAME/KEY: variation
153 <222> LOCATION: (10)
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Input Set : A:\US09483831B.raw
Output Set: N:\CRF3\01312002\I483831B.raw

154 <223> OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or
155 other.
156 <221> NAME/KEY: variation
157 <222> LOCATION: (13)
158 <223> OTHER INFORMATION: Base r represents g or a.
159 <400> SEQUENCE: 12
W--> 160 **gttggcagcn acrtgcca** 18
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 18
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
168 Primers
169 <221> NAME/KEY: variation
170 <222> LOCATION: (6)
171 <223> OTHER INFORMATION: Base Y represents t/u or c.
172 <221> NAME/KEY: variation
173 <222> LOCATION: (9)
174 <223> OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or
175 other.
176 <400> SEQUENCE: 13
W--> 177 **tggcaygtng ctgccaac** 18
179 <210> SEQ ID NO: 14
180 <211> LENGTH: 15
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
185 Primers
186 <400> SEQUENCE: 14
187 cttgaaggca gggta 15
189 <210> SEQ ID NO: 15
190 <211> LENGTH: 15
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
195 Primers
196 <221> NAME/KEY: variation
197 <222> LOCATION: (3)
198 <223> OTHER INFORMATION: Base y represents t/u or c.
199 <221> NAME/KEY: variation
200 <222> LOCATION: (9)
201 <223> OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or
202 other.
203 <221> NAME/KEY: variation
204 <222> LOCATION: (12)
205 <223> OTHER INFORMATION: Base y represents t/u or c.

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PATENT APPLICATION: US/09/483,831B TIME: 15:13:53

Input Set : A:\US09483831B.raw
Output Set: N:\CRF3\01312002\I483831B.raw

206 <400> SEQUENCE: 15
W--> 207 **taycctgcnt tyaag** 15
209 <210> SEQ ID NO: 16
210 <211> LENGTH: 15
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
215 Primers
216 <221> NAME/KEY: variation
217 <222> LOCATION: (4)
218 <223> OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or
219 other.
220 <221> NAME/KEY: variation
221 <222> LOCATION: (7)
222 <223> OTHER INFORMATION: Base y represents t/u or c.
223 <221> NAME/KEY: variation
224 <222> LOCATION: (10)
225 <223> OTHER INFORMATION: Base y represents t/u or c.
226 <400> SEQUENCE: 16
W--> 227 **ggtnacytcy tcagg** 15
229 <210> SEQ ID NO: 17
230 <211> LENGTH: 15
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
235 Primers
236 <221> NAME/KEY: variation
237 <222> LOCATION: (12)
238 <223> OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or
239 other.
240 <221> NAME/KEY: variation
241 <222> LOCATION: (6)
242 <223> OTHER INFORMATION: Base r represents a or g.
243 <221> NAME/KEY: variation
244 <222> LOCATION: (9)
245 <223> OTHER INFORMATION: Base r represents a or g.
246 <400> SEQUENCE: 17
W--> 247 **cctgargarg tnacc** 15
249 <210> SEQ ID NO: 18
250 <211> LENGTH: 21
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
255 Primers
256 <221> NAME/KEY: variation
257 <222> LOCATION: (1)

FYI

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 01/31/2002
PATENT APPLICATION: US/09/483,831B TIME: 15:13:54

Input Set : A:\US09483831B.raw
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L:9 M:270 C: Current Application Number differs, Wrong Format
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:1232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:1799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:1801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:1803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:1805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:1807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:1809 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70